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Sequence Listing was accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Keisha Douglas
Timestamp: [year=2008; month=9; day=16; hr=8; min=55; sec=13; ms=601; ]
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Application No: 10597719   Version No: 1.0

Input Set:

Output Set:

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Finished: 2008-08-14 12:29:24.744
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 551 ms
Total Warnings: 20
Total Errors: 0
No. of SeqIDs Defined: 21
Actual SeqID Count: 21

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<110>   Syngenta Ltd

<120>   Methods for screening insecticides

<130>   PPD 50397/WO

<140>   10597719
<141>   2008-08-14

<160>   21

<170>   PatentIn version 3.1

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<213> Artificial sequence

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Asp Ile Met Asn Lys Phe Met Asn Thr Pro Ala Glu Ala Leu Arg Ile
            35   40   45

Leu Asn Arg Ile Leu Ser Gly Gly Gly Ala Asn Ala Ala Gln Gln Thr
        50   55   60

Ala Asp Arg Lys Pro Leu Leu Asp Lys Glu Pro Ala Val Lys Pro Ala
65   70   75   80

Ala Pro Ala Glu Arg Ala Asp Thr Val Ile Gln Ser Met Leu Gly Asn
                85   90   95

Ser Pro Pro Ile Ser Pro His Asp Ala Ala Val Asp Leu Gln Tyr His
            100   105   110

Ser Pro Gly Val Gly Glu Gln Pro Ser Thr Ser Ser Ser His Pro Leu
        115   120   125

Pro Tyr Ile Ala Asn Ser Pro Asp Phe Asp Leu Lys Thr Phe Met Gln
    130   135   140

Thr Asn Tyr Asn Asp Glu Pro Ser Leu Asp Ser Asp Phe Ser Ile Asn
145   150   155   160

Ser Ile Glu Ser Val Leu Ser Glu Val Ile Arg Ile Glu Tyr Gln Ala
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Phe Asn Ser Ile Gln Gln Ala Ala Ser Arg Val Lys Glu Glu Met Ser
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Tyr Gly Thr Gln Ser Thr Tyr Gly Gly Cys Asn Ser Ala Ala Asn Asn

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Ser Gln Pro His Leu Gln Gln Pro Ile Cys Ala Pro Ser Thr Gln Gln
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Leu Asp Arg Glu Leu Asn Glu Ala Glu Gln Met Lys Leu Arg Glu Leu
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Arg Leu Ala Ser Glu Ala Leu Tyr Asp Pro Val Asp Glu Asp Leu Ser
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<213>   D. melanogaster


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gcgcgcctcg aatgttcgcg aaaagagcgc cggagtataa atagaggcgc ttcgtctacg     240

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<212>   DNA

<213>   S. cerevisiae
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tctcccaaaa ccaaaaggtc tccgctgact agggcacatc tgacagaagt ggaatcaagg   180

ctagaaagac tggaacagct atttctactg atttttcctc gagaagacct tgacatgatt   240

ttgaaaatgg attctttaca ggatataaaa gcattgttaa caggattatt tgtacaagat   300

aatgtgaata aagatgccgt cacagataga ttggcttcag tggagactga tatgcctcta   360

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<212>   PRT

<213>   S. cerevisiae

<400>   13

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            20   25   30

Lys Asn Asn Trp Glu Cys Arg Tyr Ser Pro Lys Thr Lys Arg Ser Pro
        35   40   45

Leu Thr Arg Ala His Leu Thr Glu Val Glu Ser Arg Leu Glu Arg Leu
    50   55   60

Glu Gln Leu Phe Leu Leu Ile Phe Pro Arg Glu Asp Leu Asp Met Ile
65   70   75   80

Leu Lys Met Asp Ser Leu Gln Asp Ile Lys Ala Leu Leu Thr Gly Leu
                85   90   95

Phe Val Gln Asp Asn Val Asn Lys Asp Ala Val Thr Asp Arg Leu Ala
            100   105   110

Ser Val Glu Thr Asp Met Pro Leu Thr Leu Arg Gln His Arg Ile Ser
        115   120   125

Ala Thr Ser Ser Ser Glu Glu Ser Ser Asn Lys Gly Gln Arg Gln Leu
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<213> D. melanogaster

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<211> 648

<212> PRT

<213> D. melanogaster

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            20   25   30

Asp Ala Asp Gly Gly Glu Glu Arg Asp His Lys Ala Pro Ala Asp Ser
            35   40   45

Ser Ser Ser Asn Leu Asp His Tyr Ser Gly Ser Gln Asp Ser Gln Ser
    50   55   60

Cys Gly Ser Ala Asp Ser Gly Ala Asn Gly Cys Ser Gly Arg Gln Ala
65   70   75   80

Ser Ser Pro Gly Thr Gln Val Asn Pro Leu Gln Met Thr Ala Glu Lys
            85   90   95

Ile Val Asp Gln Ile Val Ser Asp Pro Asp Arg Ala Ser Gln Ala Ile
            100   105   110

Asn Arg Leu Met Arg Thr Gln Lys Glu Ala Ile Ser Val Met Glu Lys
            115   120   125

Val Ile Ser Ser Gln Lys Asp Ala Leu Arg Leu Val Ser His Leu Ile
            130   135   140

Asp Tyr Pro Gly Asp Ala Leu Lys Ile Ile Ser Lys Phe Met Asn Ser
145   150   155   160

Pro Phe Asn Ala Leu Thr Val Phe Thr Lys Phe Met Ser Ser Pro Thr
            165   170   175

Asp Gly Val Glu Ile Ile Ser Lys Ile Val Asp Ser Pro Ala Asp Val
            180   185   190

Val Glu Phe Met Gln Asn Leu Met His Ser Pro Glu Asp Ala Ile Asp
            195   200   205

Ile Met Asn Lys Phe Met Asn Thr Pro Ala Glu Ala Leu Arg Ile Leu
    210   215   220

Asn Arg Ile Leu Ser Gly Gly Gly Ala Asn Ala Ala Gln Gln Thr Ala
225   230   235   240

Asp Arg Lys Pro Leu Leu Asp Lys Glu Pro Ala Val Lys Pro Ala Ala
            245   250   255

Pro Ala Glu Arg Ala Asp Thr Val Ile Gln Ser Met Leu Gly Asn Ser
            260   265   270

Pro Pro Ile Ser Pro His Asp Ala Ala Val Asp Leu Gln Tyr His Ser
    275   280   285

Pro Gly Val Gly Glu Gln Pro Ser Thr Ser Ser Ser His Pro Leu Pro
    290   295   300

Tyr Ile Ala Asn Ser Pro Asp Phe Asp Leu Lys Thr Phe Met Gln Thr
305   310   315   320

Asn Tyr Asn Asp Glu Pro Ser Leu Asp Ser Asp Phe Ser Ile Asn Ser
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Ile Glu Ser Val Leu Ser Glu Val Ile Arg Ile Glu Tyr Gln Ala Phe
                340   345   350

Asn Ser Ile Gln Gln Ala Ala Ser Arg Val Lys Glu Glu Met Ser Tyr
    355   360   365

Gly Thr Gln Ser Thr Tyr Gly Gly Cys Asn Ser Ala Ala Asn Asn Ser
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                405   410   415

Leu Ala Ser Glu Ala Leu Tyr Asp Pro Val Asp Glu Asp Leu Ser Ala
                420   425   430

Leu Met Met Gly Asp Asp Arg Ile Lys Pro Asp Asp Thr Arg His Asn
    435   440   445

Pro Lys Leu Leu Gln Leu Ile Asn Leu Thr Ala Val Ala Ile Lys Arg
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Leu Ile Lys Met Ala Lys Lys Ile Thr Ala Phe Arg Asp Met Cys Gln
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Glu Asp Gln Val Ala Leu Leu Lys Gly Gly Cys Thr Glu Met Met Ile
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